



WATER MANAGEMENT DIVISION MONTHLY REPORT

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RESERVOIR OPERATION AND SYSTEM STATUS FOR MARCH 2001

HIGHLIGHTS – Cairo began the month at 43.1 feet and ended at 31.4 feet. Normal stage for March is 35 feet. Cairo stage was falling rapidly at end of month.

WEATHER –The weather during March was cool and very dry. Precipitation averaged well below normal for nearly the entire basin. The driest areas were in Indiana and Illinois where less than 25 percent of expected rainfall was observed. Temperatures also averaged well below normal for the month, averaging 3-5 degrees below normal.

TEMPERATURE AND PRECIPITATION – MARCH 2001

	TEMPERATURE		PRECIPITATION	
STATION	OBSERVED DEGREES F	DEPARTURE FROM NORMAL	OBSERVED INCHES	DEPARTURE FROM NORMAL
Pittsburgh, PA	35.0	-3.5	3.28	-0.13
Charleston, WV	40.3	-5.6	3.27	-0.36
Columbus, OH	38.1	-2.8	1.03	-2.24
Cincinnati, OH	39.7	-3.3	1.42	-2.82
Louisville, KY	43.0	-3.3	2.27	-1.00
Indianapolis, IN	38.4	-3.0	0.64	-3.15
Evansville, IN	42.0	-4.0	2.23	-2.48
Nashville, TN	45.3	-4.9	2.73	-2.12

STREAMFLOW -- Ohio River monthly average flows for March ranged from a low of 55 percent of normal at Cincinnati, OH and Evansville, IN to a high of 62 percent of normal at Pittsburgh, PA. Daily flows ranged from a low of 29 percent of normal at Pittsburgh, PA to a high of 119 percent of normal at Pittsburgh, PA.

The following table presents the flow data summary for March at the Ohio River Index Stations:

FLOW DATA – MARCH 2001

STATION	AVERAGE MONTHLY FLOW	PERCENT LONG-TERM NORMAL		
		MONTHLY	DAILY	
	CUBIC FEET/SECOND		HIGH	LOW
Pittsburgh, PA	42,695	62	119	29
Huntington, WV	92,226	56	96	29
Cincinnati, OH	117,840	55	90	30
Louisville, KY	141,030	56	85	36
Evansville, IN	165,580	55	72	38
Paducah, KY	314,810	60	95	36

RESERVOIRS -- March started with 4.1% utilization of the total system flood control storage and ended the month at 3.3%. System-wide augmentation storage decreased from 99.6% at the beginning of the month to 94.6% by the end of the month. Significant flood storage utilization in excess of 25% did not occur at any reservoir during the month of March.

The following table depicts storage change by tributary reservoir subsystem for March:

CHANGE IN STORAGE TRIBUTARY-RESERVOIR SUBSYSTEM	(ACRE-FEET)
Allegheny-Monongahela-Beaver	+266,800
Muskingum-Little Kanawha-Hocking-Kanawha-Guyandotte	+82,700
Twelvepole-Big Sandy-Little Sandy-Scioto	+33,900

Little Miami-Licking-Mill Creek-Great Miami	+4,300
Kentucky-Salt-Green-Wabash	-43,800
Cumberland	+421,400
TOTAL	+765,300

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